References:

1. L. F. Prescott, The need for improved drug delivery in clinical practice, in: L. F. Prescott, W.S. Nimmo (Eds.), Novel Drug Delivery and Its Therapeutic Application, John Wiley, UK, 1989, pp. 1-11.
2. S.V. Sastry, M.D. DeGennaro, I.K. Reddy, M.A. Khan, Atenolol gastrointestinal therapeutic system. Part 1. Screening of formulation variables, Drug Dev. Ind. Pharm. 23 (2) (1997) 157-165.
3. S.V. Sastry, M.A. Khan, Aqueous based polymeric dispersion: plackett–Burman design for screening of formulation variables of atenolol gastrointestinal therapeutic system, Pharm. Acta Helv. 73 (1998) 105–112.
4. D.R. Swanson, B.L. Barclay, P.S. Wong, F. Theeuwes, Nifedipine gastrointestinal therapeutic system, Am. J. Med. 83 (1987) 3–9.
5. L.X. Liu, J. Ku, G. Khang, B. Lee, J.M. Rhee, H.B. Lee, Nifedipine controlled delivery by sandwiched osmotic tablet system, J. Control. Release 68 (2000) 145–156.
6. G.M. Zenter, G.S. Rork, K.J. Himmelstein, The controlled porosity osmotic pump, J. Control. Release 1 (1985) 269– 282.
7. F. Theeuwes, Microporous – semipermeable laminated osmotic system, US Patent 4,256,108, 1978 (March 17).
8. S.M. Herbig, J.R. Cardinal, R.W. Korsmeyer, K.L. Smith, Asymmetric-membrane tablet coatings for osmotic drug delivery, J. Control. Release 35 (1995) 127– 136.
9. L. Liu, B. Che, Preparation of monolithic osmotic pump system by coating the indented core tablet, European J. Pharmaceutics and Biopharmaceutics 64 (2006) 180-184.
10. W.J. Lin, H.G. Lee, Design of a microporous controlled delivery system for theophylline tablets, J. Control. Release 89 (2003) 179– 187.
11. Yuan J, Wu SH. Sustained-release tablets via direct compression: A feasibility study using cellulose acetate and cellulose acetate butyrate. Pharm. Tech. 2000; 24: 92–106.

12. Lindstedt B, Ragnarsson G, Hjartstam J. Osmotic pumping as a release mechanism for membrane-coated drug formulations. Int. J. Pharm. 1989; 56: 261–268.
13. Lindstedt B, Ragnarsson G, Hjartstam J. Osmotic pumping release from KCl tablets coated with porous and non porous ethyl cellulose. Int. J. Pharm. 1991; 67: 21–27.
14. Appel LE, Zentner GM. Use of modified ethyl cellulose lattices for microporous coating of osmotic tablets. Pharm. Res. 1991; 8: 600–604.
15. Jensen JL, Appel LE, Clair JH, Zentner GM. Variables that affect the mechanism of drug release from osmotic pumps coated with acrylate / methacrylate copolymer latexes. J. Pharm. Sci. 1995; 84: 530–533.
16. Ozturk AG, Ozturk SS, Palsson BO, Wheatley TA, Dressman JB. Mechanism of release from pellets coated with an ethylcellulose-based film. J. Control. Release 1990; 14: 203–213.
17. Herbig SM, Cardinal JR, Korsmeyer RW, Smith KL. Asymmetric-membrane tablet coatings for osmotic drug delivery. J. Control. Release 1995; 35: 127–136.
18. Guo J. Effects of plasticizers on water permeation and mechanical properties of cellulose acetate: Antiplasticization in slightly plasticized polymer film. Drug Dev. Ind. Pharm. 1993; 19: 1541–1555.
19. Guo J. An investigation into the formation of plasticizer channels in plasticized polymer films. Drug Dev. Ind. Pharm. 1994; 20: 1883–1893.
20. Liu L, Khang G, Rhee JM, Lee HB. Preparation and characterization of cellulose acetate membrane for monolithic tablet. Korea Polym. J. 1999; 7: 289–296.
21. Okimoto K, Ohike A, Ibuki R, Aoki O, Ohnishi N, Rajewski RA, Stella VJ, Irie T, Uekama K. Factors affecting membrane-controlled drug release for an osmotic pump tablet (OPT) utilizing (SBE) -b-CD as both a solubilizer and osmotic agent. J. Control. Release 1999; 60: 311–319.
22. Bindschaedler C, Gurny R, Doelker E. Mechanically strong films produced from cellulose acetate latexes. J. Pharm. Pharmacol. 1987; 39: 335–338.

23. Gondaliya D, Pundarikakshudu K. The Fabrication and evaluation of the formulation variables of a controlled-porosity osmotic drug delivery system with diltiazem hydrochloride. Pharmaceutical Technology 2003; September: 58-68.
24. Lin WJ, Lee HG. Design of a microporous controlled delivery system for theophylline tablets. Journal of Controlled Release 2003; 89: 179–187.
25. Rani M, Surana R, Sankar C, Mishra B. Development and biopharmaceutical evaluation of osmotic pump tablets for controlled delivery of diclofenac sodium. Acta Pharm. 2003; 53: 263–273.
26. Makhija SN, Vavia PR. Controlled porosity osmotic pump-based controlled release systems of pseudoephedrine I. Cellulose acetate as a semipermeable membrane. Journal of Controlled Release 2003; 89: 5–18.
27. Lin WJ, Lee HK, Wang DM. The influence of plasticizers on the release of theophylline from microporous-controlled tablets. Journal of Controlled Release 2004; 99: 415–421.
28. Liu L, Che B. Preparation of monolithic osmotic pump system by coating the indented core tablet. European Journal of Pharmaceutics and Biopharmaceutics 2006; 64: 180–184.
29. Lu EX, Jiang ZQ, Zhang QZ, Jiang XG. A water-insoluble drug monolithic osmotic tablet system utilizing gum arabic as an osmotic, suspending and expanding agent. Journal of Controlled Release 2003; 92: 375– 382.
30. Li Xd, Pan W, Nie SF, Wu LJ. Studies on controlled release effervescent osmotic pump tablets from Traditional Chinese Medicine Compound Recipe. Journal of Controlled Release 2004; 96: 359– 367.
31. Tarvainena M, Peltonenb S, Mikkonenb H, Elovaaraa M, Tuunainena M, Paronena P, Ketolainena J, Sutinenc R. Aqueous starch acetate dispersion as a novel coating material for controlled release products. Journal of Controlled Release 2004; 96: 179– 191.
32. Sastry SV, Reddy IK, Khan MA. Atenolol gastrointestinal therapeutic system: optimization of formulation variables using response surface methodology. Journal of Controlled Release 1997; 45: 121-130.

33. Verma RK, Garg S. Development and evaluation of osmotically controlled oral drug delivery system of glipizide. European Journal of Pharmaceutics and Biopharmaceutics 2004; 57: 513–525.
34. Tuntikulwattana S, Mitrevej A, Kerdcharoen T, Sinchaipanid N. Influence of hydrogel on drug release from microporous osmotic pump tablets. 31st Congress on Science and Technology of Thailand at Suranaree University of Technology, 18 – 20 October 2005.
35. Liu H, Yang XG, Nie SF, Wei LL, Zhou LL, Liu H, Tang R, Pan WS. Chitosan-based controlled porosity osmotic pump for colon-specific delivery system: Screening of formulation variables and in vitro investigation. International Journal of Pharmaceutics 2007; 332: 115–124.
36. Philip AK, Pathak K. Osmotic flow through asymmetric membrane: A means for controlled delivery of drugs with varying solubility. AAPS PharmSciTech. 2006; 7(3): article 56.
37. Rani M, Mishra B. Comparative in vitro and in vivo evaluation of matrix, osmotic matrix, and osmotic pump tablets for controlled delivery of diclofenac sodium. AAPS PharmSciTech 2004; 5 (4): Article 71.
38. Jonnalagadda S, Robinson DH. A bioresorbable, polylactide reservoir for diffusional and osmotically controlled drug delivery. AAPS PharmSciTech, 2000; 1 (4): article 29.
39. Mishra b, Makesh BK, Sankar C. Oral push-pull osmotic pumps of pentazocine hydrochloride: development and evaluation. Indian J. Pharm. Sci. 2006; 68 (1): 85-87.
40. Wang CY, Hob HO, Lin LH, Lin YK, Sheu MT. Asymmetric membrane capsules for delivery of poorly water-soluble drugs by osmotic effects. International Journal of Pharmaceutics 2005; 297: 89–97.
41. Liu L, Khang G, Rhee JM, Lee HB. Monolithic osmotic tablet system for nifedipine delivery. Journal of Controlled Release 2000; 67: 309–322.
42. Thombre AG, Appel LE, Chidlawb MB, Daugheritya PD, Dumont F, Evansa LAF, Suttona SC. Osmotic drug delivery using swellable-core technology. Journal of Controlled Release 2004; 94: 75– 89.